

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Customer No.: 22896

Claudia Chiesa et al.

Patent No.: 6,787,310 B2

Issue Date: September 7, 2004

For: **STRAND DISPLACEMENT METHODS
EMPLOYING COMPETITOR
OLIGONUCLEOTIDES FOR ISOLATING ONE
STRAND OF A DOUBLE-STRANDED**

CERTIFICATE OF E-FILING

I hereby certify that this paper is being electronically filed using USPTO EFS-Web and is addressed to the Commissioner for Patents, Attn: CERTIFICATE OF CORRECTIONS BRANCH, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below.


Deborah A. Mojarro

April 17, 2007
Date of Deposit

REQUEST FOR CERTIFICATE OF CORRECTION UNDER 37 CFR § 1.322

Commissioner for Patents
ATTN: CERTIFICATE OF CORRECTIONS BRANCH
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In reviewing the above-identified patent, Patent Office printing errors were discovered therein requiring correction in order to conform the patent to the Official Record of the application.


The errors noted are set forth in the attached copy of form PTO/SB/44 (Rev. 04/05) in the manner required by the Commissioner's Notice.

Basis for the requested changes can be found in the Amendment and Response filed December 19, 2003. The location in the application where the errors in the patent are correctly shown can be found in the Listing of Claims section on page 3 of the amendment. Patentee respectfully requests correction of the printing errors:

The changes requested herein occurred as a result of printing the Letters Patent and the Certificate should be issued without expense under 37 CFR § 322 of the Rules of Practice. However, should the Commissioner determine any fee is due, please charge it to Applied Biosystems Deposit Account No. 01-2213 (Order No. 4543).

Respectfully submitted,

Date: 4-17-07


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**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

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PATENT NO. : **6,787,310 B2**
APPLICATION NO. : **09/909,001**
ISSUE DATE : **September 7, 2004**
INVENTOR(S) : **Chiesa et al.**

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 32, beginning on line 1, please cancel claims 3-5;

In column 32, line 28, please re-number claim 5 as claim number 3;
In column 32, line 28, please delete "3 or 4" and insert "24 or 25";

In column 32, line 57, please re-number claim 6 as claim number 4;
In column 32, line 57, please delete "3 or 4" and insert "24 or 25";

In column 32, line 60, please re-number claim 7 as claim number 5;
In column 32, line 60, please delete "3 or 4" and insert "24 or 25";

In column 32, line 63, please re-number claim 8 as claim number 6;
In column 32, line 63, please delete "3 or 4" and insert "24 or 25";

In column 33, line 8, please re-number claim 9 as claim number 7;
In column 33, line 8, please delete "8" and insert "6";

In column 33, line 12, please re-number claim 10 as claim number 8;
In column 33, line 12, please delete "8" and insert "6";

In column 33, line 16, please re-number claim 11 as claim number 9;
In column 33, line 16, please delete "8" and insert "6";

In column 33, line 18, please re-number claim 12 as claim number 10;
In column 33, line 18, please delete "8" and insert "6";

In column 33, line 20, please re-number claim 13 as claim number 11;
In column 33, line 20, please delete "3 or 4" and insert "24 or 25";

MAILING ADDRESS OF SENDER (Please do not use customer number below):

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This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 10 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.** If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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PATENT NO. : **6,787,310 B2**
APPLICATION NO. : **09/909,001**
ISSUE DATE : **September 7, 2004**
INVENTOR(S) : **Chiesa et al.**

In column 33, line 22, please re-number claim 14 as claim number 12;
In column 33, line 22, please delete "13" and insert "11";

In column 33, line 25, please re-number claim 15 as claim number 13;
In column 33, line 25, please delete "13" and insert "11";

In column 33, line 27, please re-number claim 16 as claim number 14;
In column 33, line 27, please delete "13" and insert "11";

In column 33, line 29, please re-number claim 17 as claim number 15;
In column 33, line 29, please delete "16" and insert "14";

In column 33, line 31, please re-number claim 18 as claim number 16;
In column 33, line 31, please delete "13" and insert "11";

In column 34, line 1, please re-number claim 19 as claim number 17;
In column 34, line 1, please delete "13" and insert "11";

In column 34, line 3, please re-number claim 20 as claim number 18;
In column 34, line 3, please delete "3 or 4" and insert "24 or 25";

In column 34, line 6, please re-number claim 21 as claim number 19;
In column 34, line 6, please delete "3 or 4" and insert "24 or 25";

In column 34, line 10, please re-number claim 22 as claim number 20;
In column 34, line 10, please delete "3 or 4" and insert "24 or 25";

In column 34, line 13, please re-number claim 23 as claim number 21;
In column 34, line 13, please delete "3 or 4" and insert "24 or 25";

In column 34, line 16, please re-number claim 24 as claim number 22;

In column 34, line 29, please re-number claim 25 as claim number 23;
In column 34, line 29, please delete "24" and insert "22";

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Please insert claim number 24:

24. A method of isolating one strand of a double-stranded target nucleic acid, comprising: (i) dissociating the double-stranded target nucleic acid into a first strand and a second strand; (ii) contacting the dissociated target nucleic acid with a competitor oligo capable of hybridizing to the first strand under conditions which favor first-strand:competitor oligo heteroduplex formation and disfavor reannealing of the first and second strands; and (iii) isolating the dissociated second strand.

Please insert claim number 25:

25. A method of isolating one strand of a double-stranded target nucleic acid, comprising: (i) dissociating the double-stranded target nucleic acid into a first strand and a second strand; (ii) contacting the dissociated target nucleic acid with a competitor oligo capable of hybridizing to the first strand under conditions which favor first-strand:competitor oligo heteroduplex formation and disfavor reannealing of the first and second strands; (iii) isolating the heteroduplex, and (iv) dissociating the heteroduplex and isolating the first strand.

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